

Date: Monday, 10/22/2007 10:33:11 AM
 User: Kim Johnston

Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: HARNESS ASSEMBLY
Job Number	: 35253		
Estimate Number	: 11150		
P.O. Number	:	Part Number	: D3215041
This Issue	: 10/22/2007 S.O. No. :	Drawing Number	: D3215 REV D
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: 11 Type : PURCHASED PARTS	Drawing Revision	: D
Previous Run	: 30605	Material	:
Written By	:	Due Date	: 10/31/2007 Qty: <u>50</u> Um: Each
Checked & Approved By	: <u>10.10.22</u>		
Comment	: Est. A 03.10.28 New Issue KJ/RF est B 07.06.12 ecn 940 EC		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	PG	PURCHASING
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Comment: PURCHASING

Issue P/O: 4863 to Tulmar Safety Systems

D3215-041 as per Dwg D3215

Ship to Tulmar

Certificate of Conformity is required

CY 07110102 (42)

2.0	D3215041	Harness Assembly
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 42.0000 Each(s)
 Harness Assembly

3.0	D32153	Webbing Tidy
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 50 42.0000 Each(s)
 Webbing Tidy

Qty Part Number Description Batch

1 D3215-3 Webbing Tidy B 35283 CY

4.0	D32161	Fitting
-----	--------	---------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 50 42.0000 Each(s)
 Fitting

Qty Part Number Description Batch

1 D3216-1 Fitting B 35284 CY

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Monday, 10/22/2007 10:33:11 AM
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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: HARNESS ASSEMBLY

Job Number: 35253

Part Number: D3215041

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Receive & Inspect For Transit Damage

Ensure certificate of conformity is attached

7/11/07 50x SP

6.0

QC6

DIMENSIONAL CHECK



Comment: DIMENSIONAL CHECK

6 07/11/07 (x50) certip

7.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: ST256

W

(x50)

B 07/11/07

8.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

07.11.08 J

Job Completion



W 07.11.08

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

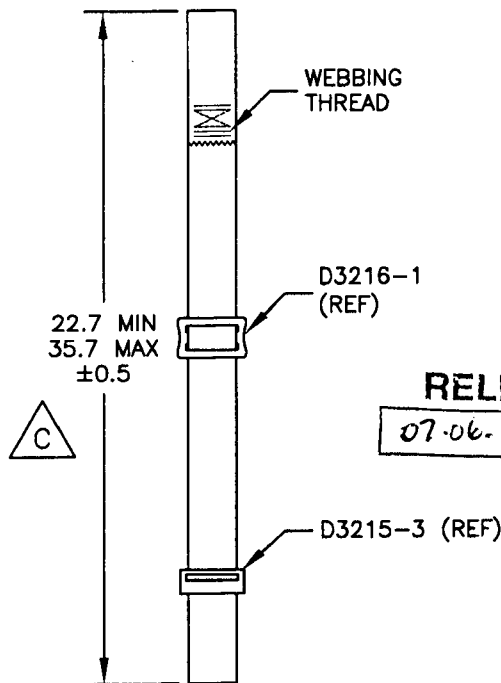
QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



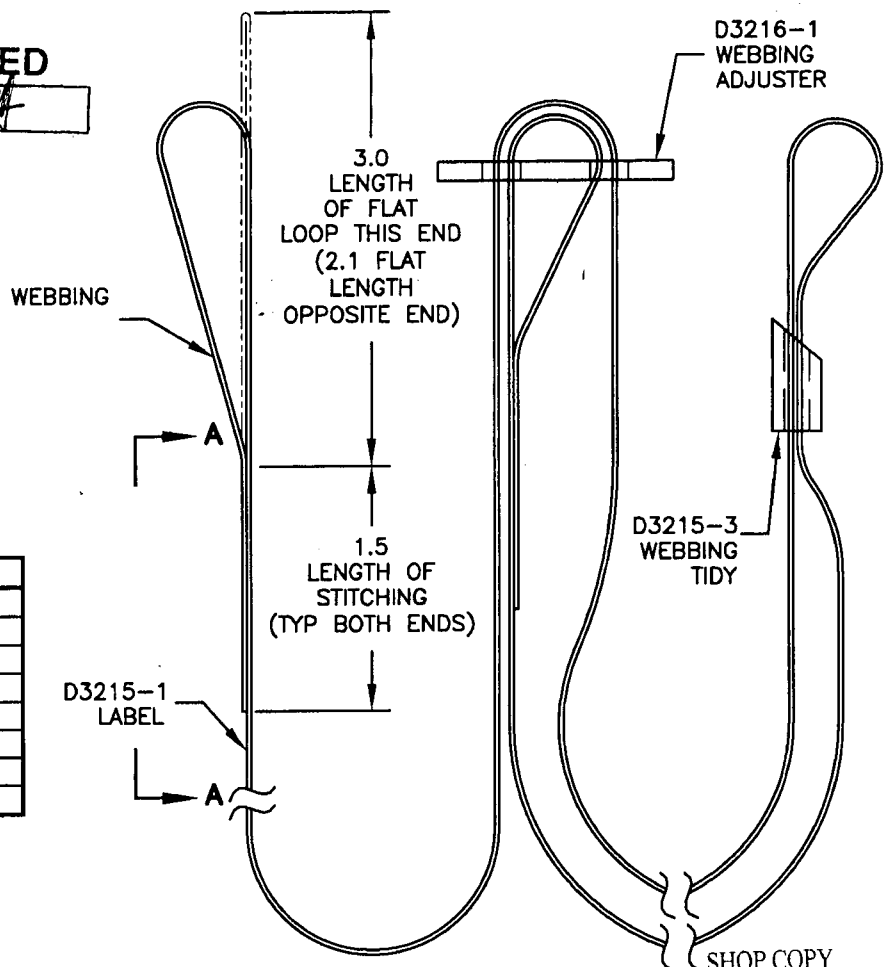
DESIGN <i>GP</i>	DRAWN BY <i>CB</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>CE</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3215	REV. D SHEET 1 OF 3
DATE 07.03.27		TITLE BELT ASSEMBLY	SCALE NTS
A	03.09.19	NEW ISSUE	
B	04.01.12	AS MANUFACTURED; ADD TOLERANCE	
C	04.03.05	REDUCE LENGTH; CLARIFY STITCHING	
D	07.03.27	ADD WEBBING SUPPLIER; ADD LABEL THREAD AND MATERIAL; IN VIEW A-A, 1.4 WAS 1.8; ADD -3A AND -3B; UPDATE TOLERANCES	



ASSEMBLY DETAIL
NOT TO SCALE

PARTS LIST:

QTY	P/N	DESCRIPTION
X	D3215-041	BELT ASSEMBLY
AS REQ'D	SEE NOTE 1	WEBBING
AS REQ'D	SEE NOTE 1	WEBBING THREAD
AS REQ'D	SEE NOTE 1	LABEL THREAD
1	D3215-1	LABEL
1	D3215-3	WEBBING TIDY
1	D3216-1	WEBBING ADJUSTER



D3215-041 BELT ASSEMBLY:

- MATERIAL: WEBBING = LAGRAN CANADA INC. 26472, 1.8 WIDE x 0.05 THICK BLACK POLYESTER WEBBING, CERTIFIED TO FAR 29.853A3, TENSILE STRENGTH 5700 lb MIN
OR BELT TECH CANADA INC. 27039, 1.8 WIDE x 0.05 THICK BLACK POLYESTER WEBBING, CERTIFIED TO FAR 29.853A3, TENSILE STRENGTH 6000 lb MIN
WEBBING THREAD = V-T-295 TYPE II CLASS A SIZE 3, BLACK NYLON THREAD
LABEL THREAD = V-T-295 TYPE II CLASS A SIZE F, BLACK NYLON THREAD

- ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
- TOLERANCES ARE PER DART QSI 01B UNLESS OTHERWISE NOTED.
- SEE SHEET 3 FOR VIEW A-A

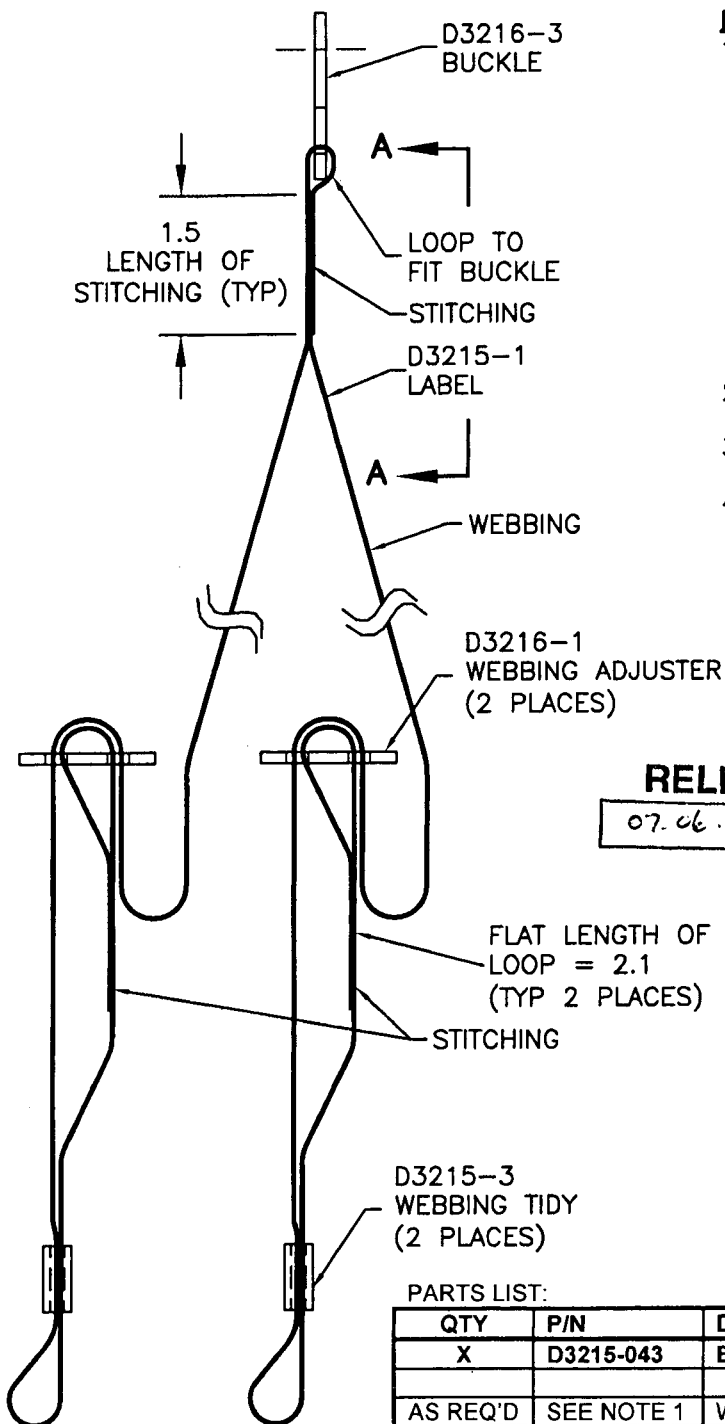
SHOP COPY
RETURN TO
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WITHOUT NOTICE
WORK ORDER
NO. *35253*

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CHECKED <i>CE</i>	APPROVED <i>H</i>	DRAWING NO. D3215	REV. D SHEET 2 OF 3
DATE 07.03.27		TITLE BELT ASSEMBLY	SCALE NTS

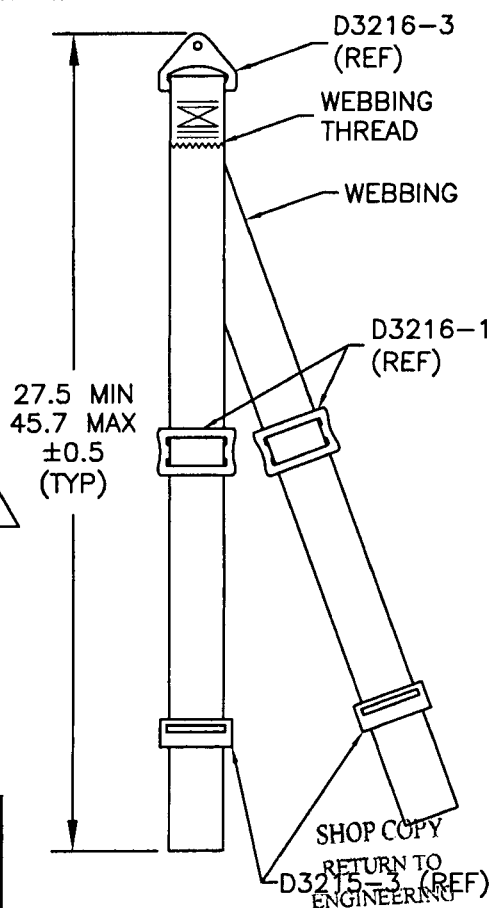


D3215-043 BELT ASSEMBLY:

- 1) MATERIAL:
WEBBING = LAGRAN CANADA INC. 26472, 1.8 WIDE
x 0.05 THICK BLACK POLYESTER WEBBING,
CERTIFIED TO FAR 29.853A3, TENSILE
STRENGTH 5700 lb MIN
OR BELT TECH CANADA INC. 27039, 1.8 WIDE
x 0.05 THICK BLACK POLYESTER WEBBING,
CERTIFIED TO FAR 29.853A3, TENSILE
STRENGTH 6000 lb MIN
WEBBING THREAD = V-T-295 TYPE II CLASS A SIZE 3,
BLACK NYLON THREAD
LABEL THREAD = V-T-295 TYPE II CLASS A SIZE F,
BLACK NYLON THREAD

- 2) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.
- 4) SEE SHEET 3 FOR VIEW A-A

RELEASED

07.06.07



PARTS LIST:

QTY	P/N	DESCRIPTION
X	D3215-043	BELT ASSEMBLY
AS REQ'D	SEE NOTE 1	WEBBING
AS REQ'D	SEE NOTE 1	WEBBING THREAD
AS REQ'D	SEE NOTE 1	LABEL THREAD
1	D3215-1	LABEL
2	D3215-3	WEBBING TIDY
2	D3216-1	WEBBING ADJUSTER

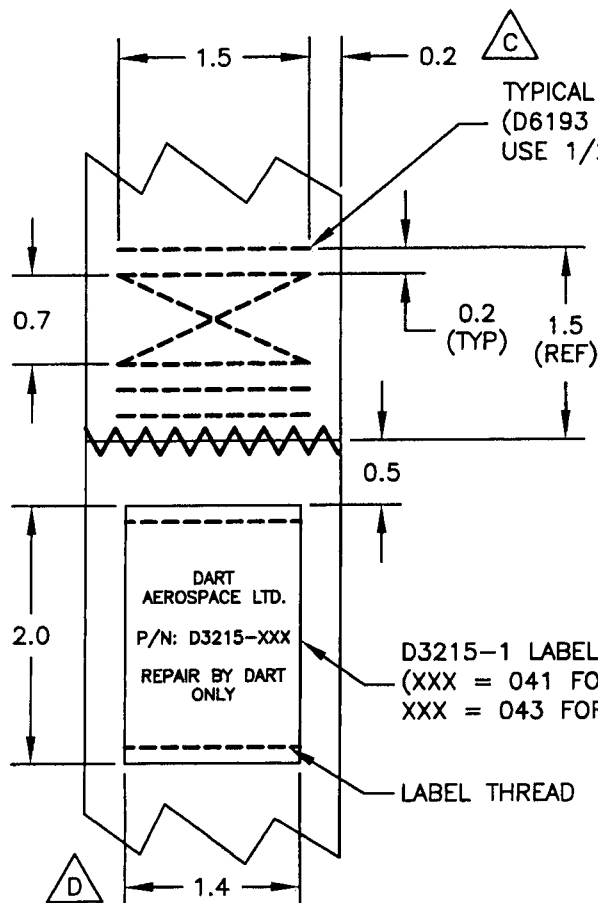
ASSEMBLY DETAIL
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WITHOUT NOTICE
WORK ORDER
NO. 35253

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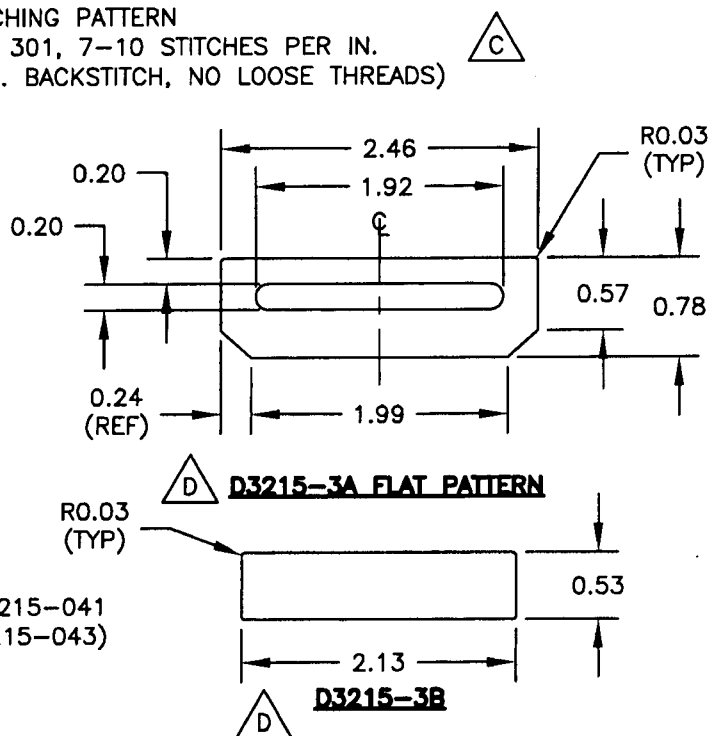
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CHECKED <i>CE</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3215	REV. D SHEET 3 OF 3
DATE 07.03.27		TITLE HARNESS ASSEMBLY	SCALE 3:2



VIEW A-A



D3215-3A/-3B NOTES:

- 1) MATERIAL: 5052-H32 ALUMINUM SHEET, 0.040 THICK PER QQ-A-250/8 OR AMS 4016 (REF DART SPEC. M5052H32S.040)
- 2) BEND D3215-3A PER D3215-3

D3215-1 LABEL:

- 1) MATERIAL: WHITE TYVEK OR WHITE POLYESTER WHICH MEETS FMVSS 302
- 2) USE 1/8 BLACK LETTERING
- 3) CENTER ON BELT WIDTH

RELEASED

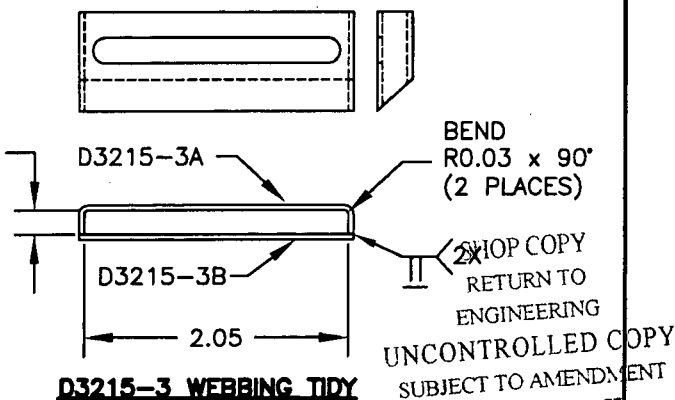
07.06 07 *[Signature]*

GENERAL NOTES:

- 1) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

D3215-3 NOTES:

- 1) WELD PER DART QSI 004
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 POWDER COAT BLACK SANDTEX (4.3.5.7) PER DART QSI 005 4.3



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RELEASE NOTE

TULMAR

Release Note No.
R92-27498
Ship Date
7-Nov-07

Tulmar Safety Systems Inc.
23 Cameron Street
Hawkesbury, ON K6A 2B8 CA
tel: 613-632-1282
fax: 613-632-2030
www.tulmar.com
mail: info@tulmar.com

No:
Dart Aerospace
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7. Canada

Ship To:
Dart Aerospace
1270 Aberdeen Street
Tel: 613-632-9577
Contact: C. Lavoie
Hawkesbury, ON K6A 1K7. Canada
613-632-3336

Order No.	Order Date	Customer No.	Sales Rep.		
20412	22-Oct-07	CDART100	Barney Bangs		
Customer PO Number		Ship Via	Packing Slip No.		
PO00004863		Pick-Up	27498		
Item No.		Qty	UOM	Qty Shipped/Returned	Qty Backordered
Description					
8937		42	EA	42	
Belt Ass'y, 1/2" wide, Black Webbing					
Drawing No: D3215-041					
Rev: D					
Comments:					
Lot No: BATCH0000000021 Qty: 42					
8937		8	EA	8	
Belt Ass'y, 1/2" wide, Black Webbing					
Drawing No: D3215-041					
Rev: D					
Comments: Revised PO rec'd on 10/31/07					
Lot No: BATCHC000000020 Qty: 8					
8938		8	EA	8	
Belt Ass'y, 1/2" wide, black Webbing					
Drawing No: D3215-043					
Rev: D					
Comments:					
Lot No: BATCH0000000015 Qty: 8					

If any questions or concerns, please contact QA Manager @ 613-632-1282 ext. 245.

This release note is a Certificate of Conformance and I hereby certify that the items listed hereon have been inspected tested and conform to all specifications and requirements detailed in the contract or purchase order Objective evidence to support this release note is on file and can be made available upon request

Lozanne Korthier
Authorized Inspector

11/07/2007
Date

PACKING SLIP

TULMAR

Tulmar Safety Systems Inc.
1123 Cameron Street
Hawkesbury, ON K6A 2B8 CA
Tel: 613-632-1282
Fax: 613-632-2030
MID : CATULSAF1123HAW
email: info@tulmar.com

Bill No:

Dart Aerospace
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7. Canada

Packing Slip No.

27498

Ship Date

7-Nov-07

Ship To:

Dart Aerospace
1270 Aberdeen Street
Tel: 613-632-9577
Contact: C. Lavoie
Hawkesbury, ON K6A 1K7. Canada
613-632-3336

Order No.	Order Date	Customer No.	Sales Rep.	Release Note No.
20412	22-Oct-07	CDART100	Barney Bangs	R92-27498
Customer PO Number	Ship Via	PPD/COL	Qty Shipped/Returned	Qty Backordered
PO00004863	Pick-Up			
Item No.	UOM			
Description				

8937
Belt Ass'y, 1/2" wide, Black Webbing
Drawing No: D3215-041
Rev: D
Comments:

Lot No: BATCH0000000021 Qty: 42

8937
Belt Ass'y, 1/2" wide, Black Webbing
Drawing No: D3215-041
Rev: D
Comments: Revised PO rec'd on 10/31/07

Lot No: BATCH0000000020 Qty: 8

8938
Belt Ass'y, 1/2" wide, black Webbing
Drawing No: D3215-043
Rev: D
Comments:

Lot No: BATCH0000000015 Qty: 8

Handwritten signature: C. Lavoie